Approved for use through 07/31/2003. OMB 0651-0032

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Attorney Docket No. R2184.0253/P253

| UTILITY | First in | rventor | Masafumi | Kimura | | | | |
|--|-----------|---|--|---|-----------|-------------------------------------|---|--|
| PATENT APPLICATION | | LOAD | NG MECHA | VIICA | ים יםח | VETIMIT AND | | |
| TRANSMITTAL | Title | LOADING MECHANISM, DRIVE UNIT, AND INFORMATION PROCESSING APPARATUS | | | | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | <u> </u> | L | | | | | _ | |
| | Expre | ss Mail La | bel No. | | | | | |
| APPLICATION ELEMENTS | | | | IS Patent | | | | |
| | | ADDR | | Commissio P.O. Box 1 | | for Patents | | |
| See MPEP chapter 600 concerning utility patent application co | ntents. | L | | | | 22313-1450 | | |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) | | 7. | CD-ROM or CD Computer Prog | | | large table or | Ì | |
| 2. Applicant claims small entity status. See 37 CFR 1.27. | | | cleotide and/or Ar applicable, all nec | mino Acid S | | ence Submission | | |
| 3. X Specification [Total Pages 84 | 1 | a. [| Computer Re | • | m (C | RF) | ļ | |
| (preferred arrangement set forth below) - Descriptive title of the invention | | b. \$ | Specification Sequ | uence Listir | ng on | : | | |
| Cross Reference to Related Applications Statement Regarding Fed sponsored R & D | | | i. CD-RO | OM or CD-F | २ (2 ८ | opies); or ii. Paper | | |
| Reference to sequence listing, a table, or a computer program listing appendix | | c. [| Statements v | erifying ide | ntity o | of above copies | - | |
| - Background of the Invention ACCOMPANYING APPLICATIONS PARTS | | | | | | | | |
| Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description | | | Assignment Pa | pers (cover | shee | et & document(s)) | | |
| - Detailed Description - Claim(s) - Abstract of the Disclosure | | 10. | 37 CFR 3.73(b) (when there is a | | | Power of Attorney | | |
| 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1 | 8] | 11. | English Transla | _ | | • | i | |
| 5. Oath or Declaration [Total Sheets | | 12. X | Information Disc Statement (IDS | | , [| X Copies of IDS | | |
| a. Newly executed (original or copy) | | 13. | Preliminary Am | • | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) | | 14. X | Return Receipt | | | | į | |
| i. DELETION OF INVENTOR(S) | | | (Should be specifically itemized) 15 Certified Copy of Priority Document(s) | | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, | | 16. | (if foreign priority in Nonpublication | | nder 3 | 35 U.S.C. 122 (b)(2)(B)(i). | į | |
| see 37 CFR 1.63(d)(2) and 1.33(b). | | = | Applicant must | attach form | PTC | 0/SB/35 or its equivalent. | | |
| | | 17. X | Other: Claim | for Priorit | ıy | | Ì | |
| 6. Application Data Sheet. See 37 CFR 1.76 | | l | | | | | j | |
| 18. If a CONTINUING APPLICATION, check appropriate box, following the title, or in an Application Data Sheet under 37 CFF | | ly the requi | site information b | elow and ir | n the | first sentence of the specification | n | |
| Continuation Divisional Continuation | | CIP) of p | rior application N | o.: | | | | |
| Prior application information: Examiner | | | Art Ur | nit: | | | Ì | |
| For CONTINUATION or DIVISIONAL APPS only: The entire | disclosur | e of the price | or application, fro | m which ar | oath | or declaration is supplied under | r | |
| Box 5b, is considered a part of the disclosure of the accompany The incorporation can only be relied upon when a portion has be | een inad | vertently or | nitted from the su | auon and is ubmitted ap | plica | tion parts. | | |
| 19. COR | RESPO | NDENCE | ADDRESS | | | | | |
| X Customer Number: | | 24998 | | | C | orrespondence address below | | |
| DICKSTEIN SHAPIRO MORIN | & OS | HINSKY | LLP | | | | | |
| Mark J. Thronson | | | | | | | 4 | |
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| City Washington Star | te | DC | | Zip Code | e 2 | 0037-1526 | | |
| Country US Tele | ephone | (202) 7 | 85-9700 | F | ax | (202) 887-0689 | | |
| Name (Print/Type) Mark J. Thronson | | Regi | stration No. (Atto | rney/Agent |) | 33,082 | | |
| Signature MMA | | 2 | | Date | Au | igust 21, 2003 | | |

PTO/SB/17 (05-03)

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| CEE TO A NOMITTAL | | | Complete if Known | | | | | | | |
|--|---|-------------------------------------|-------------------|------------|---|-----------------------|--|--|--|--|
| FEE TRANSMITTAL | - | Application Number Not Yet Assigned | | | | | | | | |
| for FY 2003 | 1 | Filing Date | | | Concurrently Herewith | Concurrently Herewith | | | | |
| Effective 01/01/2003, Patent fees are subject to annual revision. | - { | First Named Inventor | | | ntor Masafumi Kimura | Masafumi Kimura | | | | |
| | | Examiner Name Not Yet Assigned | | | | | | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | - { | Art Unit N/A | | | | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 1,200.00 | | Attomey Docket No. R2184.0253/P253 | | | | | | | | |
| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | | | | | |
| Credit Money | | | | | CALCULATION (continued) | | | | | |
| Check X Card Order Other None | e 3. ADDITIONAL FEES | | | | | | | | | |
| X Deposit Account | | | | | | | | | | |
| Deposit Account 04-1073 | Large Fee | Entity Fee | Small | Entity | - | | | | | |
| Account 04-1073 | Code | (\$) | Code | (\$) | Fee Description | Fee Paid | | | | |
| Deposit Dickstein Shapiro Morin & | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | | | | | |
| Account Name Oshinsky LLP | (| | (| | Surcharge – late provisional filing fee or cover | | | | | |
| The Director is hereby authorized to: (check all that apply) | 1052 | 50 | 2052 | 25 | sheet. | | | | | |
| X Charge fee(s) indicated below X Credit any overpayments | 1053 | 130 | 1053 | 130 | Non-English specification | | | | | |
| X Charge any additional fee(s) during the pendency of this application | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | | | | | |
| | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to | | | | | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | 1,840° | 1805 | 1,840* | Examiner action Requesting publication of SIR after | | | | | |
| | 4 | | ì | | Examiner action | | | | | |
| FEE CALCULATION 1. BASIC FILING FEE | 1251 1252 | 110 410 | 2251 | 55 205 | Extension for reply within first month | | | | | |
| Large Entity Small Entity | 1252 | 930 | 2252 | 465 | Extension for reply within second month Extension for reply within third month | | | | | |
| Fee Fee Fee Fee Fee Description Fee Paid | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | | | |
| Code (\$) Code (\$) | 1 | | } | | | { | | | | |
| 1001 750 2001 375 Utility filing fee 750.00 | 1255 1401 | 1,970 320 | 2255 | 985 | Extension for reply within fifth month | | | | | |
| 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee | 1402 | 320 | 2401 | 160 160 | Notice of Appeal Filing a brief in support of an appeal | | | | | |
| 1004 750 2004 375 Reissue filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | | | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | | Petition to institute a public use proceeding | | | | | |
| SUPTOTAL (4) | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | | | | |
| SUBTOTAL (1) (\$) 750.00 | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | | | | |
| Extra Fee from Claims below Fee Paid | 1502 | 470 | 2502 | 235 | Design issue fee | | | | | |
| Total Claims 31 -20** = 11 x 18.00 = 198.00 | 1503 | 630 | 2503 | 315 | Plant issue fee | | | | | |
| Independent 6 -3** = 3 x 84.00 = 252.00 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | | | | |
| Multiple Dependent | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | | | | |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | | | | |
| Fee Fee Fee Fee Fee Pescription | 8021 | 40 | 8021 | 40 | Recording each patent assignment per | | | | | |
| Code (\$) Code (\$) Tee Bescription | 1809 | 750 | 2809 | 375 | property (times number of properties) Filing a submission after final rejection | | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | | | ţ | | (37 ČFR 1.129(a)) | | | | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37CFR 1.129(b)) | } | | | | |
| 1204 84 2204 42 ** Reissue independent claims | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | | | | | |
| over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 | 1802 900 1802 900 Request for expedited examination of a design application | | | | | } | | | | |
| and over original patent | Other | Other fee (specify) | | | | | | | | |
| SUBTOTAL (2) (\$) 450.00 | *Redu | ced by | Basic Fi | ing Fee | Paid SUBTOTAL (3) (\$) | 0.00 | | | | |
| SUBTOTAL (2) (\$) 450.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 **or number previously paid, if greater; For Reissues, see above | | | | | | | | | | |
| SUBMITTED BY Complete (if applicable) | | | | | | | | | | |
| Name (Print/Type) Mark J. Thronson | | ration No ey/Agent | | ,082 | Telephone (202) 775-4742 | | | | | |
| | PHIOTHE | y/Agent/ | | | - | , | | | | |
| Signature | | | | | Date August 21, 2003 | • | | | | |